

## ABSTRACT OF THE DISCLOSURE

An apparatus and method for enhancing a one-wire bus wherein a translator is inserted between a master and one or more slave devices. The translator monitors the data stream between the master and the slave device and, upon reaching a predetermined position in the data stream, inserts known data into the data stream. The translator includes: a primary one-wire bus for communicating with the master; and at least one secondary one-wire buses each of which can communicate with one or more slave devices.

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